

**TMEM201 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP11369b****Specification**

---

**TMEM201 Antibody (C-term) Blocking peptide - Product Information**Primary Accession [Q5SNT2](#)**TMEM201 Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 199953**Other Names**

Transmembrane protein 201, Spindle-associated membrane protein 1, TMEM201, NET5, SAMP1

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**TMEM201 Antibody (C-term) Blocking peptide - Protein Information****Name** TMEM201**Synonyms** NET5, SAMP1**Function**

Involved in nuclear movement during fibroblast polarization and migration. Proposed to be involved in actin-dependent nuclear movement via association with transmembrane actin-associated nuclear (TAN) lines which are bound to F-actin cables and couple the nucleus to retrograde actin flow (By similarity). Overexpression can recruit Ran GTPase to the nuclear periphery (PubMed:<a href="http://www.uniprot.org/citations/27541860" target="\_blank">27541860</a>).

**Cellular Location**

[Isoform 2]: Nucleus inner membrane; Multi-pass membrane protein. Cytoplasm, cytoskeleton, spindle pole. Note=The C- terminal of isoform 2 is located on the nucleoplasmic side. During interphase, isoform 2 is distributed in the inner nuclear membrane in distinct micro-domains and during mitosis, it is found in the ER but it also localizes to the polar regions of the mitotic spindle

**TMEM201 Antibody (C-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**TMEM201 Antibody (C-term) Blocking peptide - Images**

**TMEM201 Antibody (C-term) Blocking peptide - Background**

Isoform SAMP1 may define a distinct membrane domain in the vicinity of the mitotic spindle.

**TMEM201 Antibody (C-term) Blocking peptide - References**

Buch, C., et al. J. Cell. Sci. 122 (PT 12), 2100-2107 (2009) :